

PATENT ABSTRACTS OF JAPAN

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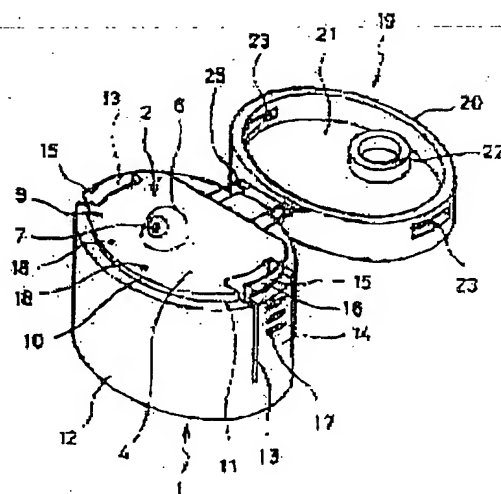
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(54) SPOUTING CAP

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent the occurrence of incorrect opening and closing securely by setting the constitution in which a cover is not opened unless the given operation for a cap body is carried out.

SOLUTION: An outer collar 9, a hanging-down cylindrical piece 10, an outer flange 11 and a skirt cylinder 12 are formed continuously on a notch plate 4 of an assembly section 2 assembled firmly on a cap section of a bottle container of squeeze properties and forming a content liquid jet opening 7, and an elastic piece 14 with an engaging piece 15 formed by a notch 13 is formed on a continuously connecting section to constitute a cap main body 1 and an engaging hole 23 into which the engaging piece 15 is inserted from inside is formed on a peripheral wall 20 of a cover 19 hinge connected with the rear end of the cap main body 1, and the closed state is kept strongly by the engagement of the engaging piece 15 with the engaging hole 23, and the opening of the cover 19 can be achieved by the combination of the engagement release operation of the engaging piece 15 with the engaging hole 23 and the pushing-up operation of the cover 19 in the constitution of a pouring cap.



LEGAL STATUS

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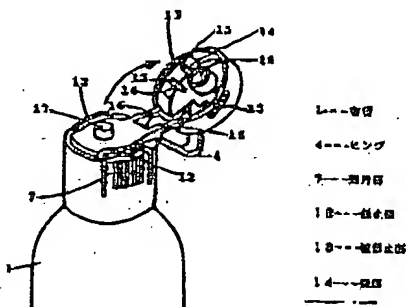
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Structure of lid for container — has lower lid with spout part mounted on container opening, attaching upper lid through hinge, which installs bouncing part for maintaining lidding state by engaging pair of clamping parts



Use: For container.

Advantage: Improves safety by making lid opening difficult for child.

DESCRIPTION OF DRAWING(S) - The diagram shows an isometric view of the

lid structure in lid open state. (1) Container; (4) Hinge; (7) Bouncing part; (12, 13) Clamping parts; (14) Protruding part; (17) Spout part.

Abstract: NOVELTY - The structure includes a lower lid with a spout part (17) mounted on the neck of a container (1), which attaches an opening-closing upper lid through a hinge (4). A bouncing part (7) is provided on the peripheral edge part of lower lid, which oscillates by pressing to the container opening side for engaging a pair of clamping parts (13). Another pair of clamping parts (12), engaged with the bouncing part, slide upward to push the upper lid by a set of protruding parts (14) for releasing the lidding state.

Company Code: TAKE-

Publication Date: 1999.03.16

Drawing: 4/17

Pages: 7

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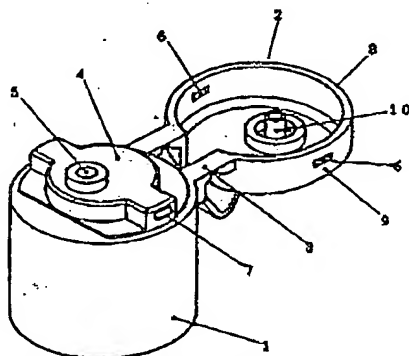
Latest Priority: 1997.07.01 1997JP-175644

1999-114480/10

KITANO SEISAKU KK

JP-10338251-A

Hinged cap for container storing chemical solutions - has lid with latching recesses which locks lid with cap body such that slight horizontal pressure lifts up lid to release lock



USE: For containers storing chemical solutions.

ADVANTAGE: Prevents careless opening of lid due to provision of locking arrangements. DESCRIPTION OF DRAWING(S) - The drawing shows an

isometric view of cap with lid in open state. (1) Cap body; (2) Lid; (3) Hinge; (4) Ceiling; (5) Injection nozzle; (7) Hook.

Abstract: NOVELTY - A projecting stopper (10) is provided at internal top surface of the lid which corresponds to nozzle opening. A pair of recesses provided at internal side surface of the lid corresponding to the latching hooks (7) provided in ceiling surface of cap body. At closed state, the lid is latched and locked with the cap. A slight horizontal pressure application and lifting of lid releases the locked condition. DETAILED DESCRIPTION - The cap has a tubular body (1) with a ceiling surface (4). The ceiling surface has a nozzle (5) provided at its top and a pair of latching hooks at its side. An opening and closing tubular flexible lid (2) is hinged to top end of the body at its outer peripheral surface.

Company Code: KITA-

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